

MANAGEMENT CATEGORIES TABLE

Explanatory Notes:

- The management categories have been redefined from the previous round of CCPs. These new definitions will remain constant through this round of planning.
- The intent of the new descriptions is to reflect a clear distinction in the management direction among the categories.

Key for Management Categories Table

The following are definitions for terms used in the table.

Allowed - Activity, use or facility is allowed under existing NEPA analysis, compatibility determinations, and applicable laws and regulations of the Service, other Federal agencies and the State of Alaska.

May be allowed - Activity, use or facility may be allowed subject to site-specific NEPA analysis (including CEs, EAs, and EISs), a specific compatibility determination, and compliance with all applicable laws and regulations of the Service, other Federal agencies and the State of Alaska.

May be authorized - Activity, use or facility **may be allowed**; a special use permit or other authorization is required.

Not allowed - Activity, use or facility is not allowed.

The following terms are used:

NEPA analysis - All activities, uses and facilities proposed for a refuge that have the potential to result in significant effects on the environment require an analysis of potential environmental impacts under the National Environmental Policy Act. This analysis may be documented as a

categorical exclusion (CE), an environmental assessment (EA), or an environmental impact statement (EIS), depending on the nature of the proposed project.

Compatibility - All activities, uses and facilities allowed on a refuge, except management actions undertaken by or for the Service, must be compatible with the purposes of the refuge and the mission of the National Wildlife Refuge System. The analysis that occurs results in a compatibility determination.

Regulations - All activities, uses and facilities allowed on a refuge must comply with any applicable regulations, as published in the Code of Federal Regulations. Regulations are developed by the Service through a public process to implement the legal authorities under which the Service manages the National Wildlife Refuge System. For more information on these regulations, see the appropriate topic in the Management Directions and Guidelines Section of this chapter. For some activities, other Federal agency and/or State regulations may also apply.

Temporary - A continuous period of time not to exceed 12 months, except as specifically provided otherwise. Special-use permits or other authorizations may prescribe a longer period of time but the structures or other human-made improvements need to be readily and completely dismantled and removed from the site when the period of authorized use terminates.

The following guidelines apply to all activities, uses, and facilities allowed on a refuge.

Area or time restrictions - All activities and uses allowed on a refuge may be restricted in certain areas or at certain times, at the discretion of the refuge manager and with the appropriate level of public involvement, by emergency (short-term) or permanent regulation, if necessary to protect refuge resources or human health and safety.

Management emergencies - Activities, uses and facilities not allowed on a refuge or in specific management categories may be allowed if naturally occurring or human-caused actions adversely affect refuge resources or threaten human health and safety,

Wild Rivers - No activities, uses, or facilities may occur in Wild River corridors that will impede the free-flowing condition of the river or degrade the outstandingly remarkable values for which the river was designated. Facilities would be designed to be as unobtrusive as possible.

Wilderness - The concept of “minimum requirements” - the minimum action or instrument necessary to successfully, safely, and economically accomplish wilderness management objectives applies to all activities, uses and facilities allowed in designated Wilderness.

Table __. Activities, public uses, commercial uses, and facilities by management category.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
ECOSYSTEM, HABITAT, AND FISH AND WILDLIFE MANAGEMENT					
ECOSYSTEM/LANDSCAPE MANAGEMENT					
Collecting Information on and Monitoring Ecosystem Components Data gathering, monitoring and maintaining a comprehensive data base of selected ecosystem components (plants, animals, fish, water, air).	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
Research and management Access and collection of data necessary for management decisions or to further science.	Service - Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
	ADF&G - Coordinate with Refuge Manager				
	Other researchers - May be allowed				
Research and management Facilities May be permanent or temporary structures or camps including weirs, counting towers and sonar counters.	May be allowed	Same as (1)	Same as (1)	Same as (1) See Wild River special mgt provisions.	Same as (1); new facilities temporary only,); conduct minimum requirements analysis.
FISH AND WILDLIFE HABITAT MANAGEMENT					
Describing, Locating, and Mapping Habitats Development of quantitative, written, and graphic descriptions of fish and wildlife habitat including water, food, and shelter components.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Habitat Management <u>Mechanical Treatment</u> Activities such as cutting, crushing or mowing of vegetation; water control structures; fencing; artificial nest structures. <u>Chemical Treatment</u> Use of chemicals to remove or control non-native species. <u>Manual Treatment</u> Use of hand tools to remove, reduce, or modify hazardous plant fuels, exotic plant species, or to modify habitats (e.g. remove beaver dams).	May be allowed May be allowed; pesticide use proposal must be approved by Regional Office. Allowed	Same as (1) Same as (1) Same as (1)	Not allowed; except when identified in an approved step-down management plan. Same as (1) Same as (1)	Same as (3) Same as (1) Same as (1)	Same as (3); conduct minimum requirements analysis. Same as (1); conduct minimum requirements analysis. Same as (1); conduct minimum requirements analysis.
<u>Aquatic Habitat Modifications</u> Activities such as stream bank restoration, passage structures, fish barriers, or removal of obstacles which result in physical modification of aquatic habitats to maintain or restore native fish species.	May be allowed	Same as (1)	Same as (1)	Same as (1) except only facilities that are intended to restore natural stream profiles are allowed	Same as (4); conduct minimum requirements analysis.
Fire Management--Prescribed Fires Fire ignited by management actions to meet specific management objectives.	May be allowed; subject to provisions of approved refuge fire management plan or project (burn) plan.	Same as (1)	Same as (1); use limited suppression and least intrusive techniques.	Not allowed; except where needed to reduce fuel loads, subject to approved refuge fire management plan or project plan	Same as (4); conduct minimum requirements analysis.
Fire Management--Wildland Fire Use The planned use of naturally occurring fires to meet management objectives.	May be allowed; subject to provisions of approved refuge fire management plan.	Same as (1)	Same as (1); use limited suppression and least intrusive techniques.	Same as (3)	Same as (3); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Fire Management—Fire Suppression Management actions intended to protect identified resources from a fire, extinguish a fire, or alter a fire’s direction of spread	Allowed; subject to provisions of interagency AK Fire Management Plan or approved refuge fire management plan.	Same as (1)	Same as (1); use limited suppression and least intrusive techniques	Same as (3)	Same as (3); conduct minimum requirements analysis.
Weed Control Monitoring, extirpation, control, removal and/or relocation and other management practices for pest and non-native plant species.	May be allowed; chemical control requires a pesticide-use proposal approved by the Regional Office	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
Water Quality and Quantity Management Monitoring of water quality and quantity to identify baseline data and for management purposes; includes installation of gauging stations.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
FISH AND WILDLIFE POPULATION MANAGEMENT					
Reintroduction of Species The reintroduction of native species to restore natural diversity of fish, wildlife and habitats.	May be allowed for reintroduction of native species only.	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
Predator Management Relocation, removal, sterilization and other management of predators to favor other fish or wildlife populations or to protect reintroduced, threatened, or endangered species.	May be allowed; must maintain biological integrity, diversity and environmental health at the refuge scale.	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
Fish and Wildlife Control The control, relocation and/or removal of native species to maintain natural diversity of fish, wildlife and habitats or to restore depleted native populations.	May be allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Non-native Species Management The removal or control of non-native species (including predators).	May be allowed	Same as (1)	Same as (1); use least intrusive methods	Same as (3)	Same as (1); conduct minimum requirements analysis.
Pest Management and Disease Prevention and Control Relocation or removal of organisms that threaten human health or survival of native fish, wildlife or plant species. Management practices directed at controlling pathogens that threaten fish, wildlife and people, such as rabies and parasite control.	Allowed; will not occur except where severe resource damage is likely or where public health and safety is jeopardized; chemical control requires a pesticide use permit.	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.
Fishery Restoration Actions taken to restore fish access to spawning and rearing habitat, or actions taken to restore populations to historic levels. Includes harvest management, escapement goals, habitat restoration, stocking, egg incubation boxes, and lake fertilization.	May be allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1) conduct minimum requirements analysis.
Fishery Restoration Facilities Fisheries facilities may be permanent or temporary and may include hatcheries, fish ladders, fish passages, fish barriers and associated structures.	May be authorized	Same as (1)	Same as (1) except any new facilities must be temporary	Same as (1) See Wild River special mgt provisions.	Same as (3). Normally will not occur unless stocks have been reduced or are threatened. Conduct minimum requirements analysis.
Fishery Enhancement Activities applied to a fish stock to supplement numbers of harvestable fish to a level beyond what could be naturally produced based upon a determination or reasonable estimate of historic levels.	May be allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Fishery Enhancement Facilities May be permanent or temporary and may include hatcheries, egg incubation boxes, fish ladders, fish passages, fish barriers and associated structures.	May be authorized, normally will not occur unless stocks have been reduced or are threatened.	Same as (1)	Same as (1) except any new facilities must be temporary	Same as (1) See Wild River special mgt provisions.	Same as (3). Normally will not occur unless stocks have been reduced or are threatened. Conduct minimum requirements analysis.
Native Fish Introductions Movement of native fish species within a drainage on the Refuge to areas where they have not historically existed.	May be allowed	Same as (1)	Not allowed	Same as (3)	Same as (3)
Non-native Species Introductions Introduction of species not naturally occurring within a watershed.	Not allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
SUBSISTENCE					
Fishing, Hunting, Trapping, and Berry Picking The taking of fish and wildlife and other natural resources for personal consumption, or as provided by law.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Collection of House Logs and Firewood Harvesting live standing timber greater than 6 inches diameter at breast height for personal or extended family use.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Collection of house logs and Firewood Live trees less than 3 inched diameter at breast height and dead standing or down timber for personal or extended family use.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Collection of house logs and Firewood Live trees between 3 and 6 inches diameter at breast height for personal or extended family use.	Southern refuges - May be authorized. Northern refuges - allowed if less than 20 trees/year, otherwise may be authorized.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Collection of Other Plant Materials Harvesting trees less than 6 inches diameter at breast height for trapping and other purposes; harvesting grass, bark, other plant materials used as food, in making handicrafts, or for other subsistence purposes.	Allowed; a special use permit may be required for the harvest of live standing timber.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Access Use of snowmobiles, motorboats, and other means of surface transportation traditionally employed for subsistence purposes.	Allowed; subject to reasonable regulation.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Temporary Facilities Establishment and use of tent platforms, shelters, and other temporary facilities and equipment directly related to the taking of fish and wildlife.	Allowed; subject to reasonable regulation; a special use permit may be required.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Subsistence Cabins	See CABINS				
ACCESS (restrictions subject to provisions of Section 1110 of ANILCA; access for subsistence purposes discussed in SUBSISTENCE above)					
NON-MOTORIZED					
Foot	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Dogs and Dog Teams	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Other Domestic Animals Includes horses, mules, llamas, and other domestic animals.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Bicycles Includes all types of bicycles, e.g. road, BMX, mountain, etc.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Non-Motorized Boats Includes canoes, kayaks, rafts, etc.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
MOTORIZED					
Motorboats Includes inboard and outboard motor power boats including jet boats; does not include jet driven personal water craft, air boats and air cushion vehicles.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Highway Vehicles	Allowed on all weather roads.	May be allowed on designated roads.	Not allowed	Same as (3)	Same as (3)
Off-Road/All Terrain Vehicles Includes air boats and air cushion vehicles.	May be allowed on designated routes or areas or by special use permit.	Same as (1)	Not allowed; except as specified in Secs. 811 and 1110 of ANILCA	Same as (3)	Same as (3)
Airplanes Fixed-wing aircraft such as float planes and wheeled planes.	Allowed subject to reasonable regulations.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Helicopters Includes all rotary-wing aircraft.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Not allowed except in emergencies. May be authorized when use established before Wilderness designation, mandated by law, necessary for public health and safety, and administration. Conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Snowmachines (Snowmobiles) A self-propelled vehicle intended for off-road travel primarily on snow having a curb weight of not more than 1,000 pounds (450 kg), driven by track or tracks in contact with the snow.	Allowed during periods of adequate snow cover.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
PUBLIC USE/RECREATION/OUTREACH ACTIVITIES - Note: Also see Access Section					
Hunting*, Fishing*, Trapping, Walking, Hiking, Camping at undeveloped sites, Wildlife Observation*, and Dog Sledding Note: *priority public use	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Horseback Riding	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Wildlife Photography* and General Photography - See Commercial Uses also. Note: * priority public use	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Boating and Snowmobiling Motorized and non-motorized boating (excluding air boats and air cushion vehicles) and snowmobiling. Also see access.	Allowed if a traditional activity or for access to conduct a traditional activity.	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Interpretation*, Environmental Education*, and other Outreach Activities Note: *priority public use	Allowed; developed facilities and materials may be provided on site.	Same as (1)	Same as (1); facilities and materials generally not provided on site	Same as (3)	Same as (3) except facilities and materials not provided on site.
PUBLIC USE/RECREATION FACILITIES					
Recreation Use Facilities Facilities provided by the Service.	May be allowed; facilities designed for comfort and convenience of user; flush toilets and electrical hook-ups common; synthetic materials often used; formal, sophisticated interpretive facilities available.	May be allowed; facilities designed for resource protection and user comfort; contemporary/ rustic design of facilities; interpretive services often informal but	May be allowed; rustic/ rudimentary improvements necessary for public health and safety or resource protection only.	Same as (3) See Wild River special mgt provisions.	Same as (3); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
		on-site.			
All Weather Roads And associated developments including bridges.	May be allowed	Same as (1); constructed/maintained to a lesser standard than under (1)	Not allowed	Same as (3)	Same as (3)
Unimproved Roads	May be allowed	Same as (1)	Not allowed	Same as (3)	Same as (3)
ORV/ATV Trails/Routes	May be allowed	Same as (1)	Not allowed	Same as (1)	Same as (3)
Roadside Exhibits/Waysides	May be allowed	Same as (1)	Not applicable	Not applicable	Not applicable
Constructed and Maintained Airstrips	May be allowed	Same as (1)	Not allowed	Same as (3)	Same as (3)
Cleared Landing Strips/Areas	May be allowed	Same as (1)	Same as (1)	Same as (1)	Not allowed unless established prior to Wilderness designation conduct minimum requirements analysis for maintenance.
Constructed Hiking Trails Including bridges, boardwalks, trailheads, and related facilities.	May be allowed; generally designed to be fully accessible and developed and maintained to a high standard.	May be allowed; designed equally for resource protection and visitor comfort	May be allowed; lesser development, primarily for resource protection	Same as (3)	May be allowed; constructed/maintained primarily for resource protection, not visitor comfort; conduct minimum requirements analysis.
Designated Hiking Routes Unimproved and unmaintained trails; may be designated by signs, cairns, and/or on maps.	Allowed; may be signed	Same as (1)	Allowed; signs only where necessary for public health and safety.	Same as (3)	May be allowed; signs only where necessary for public health and safety; conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Boat Launches/Docks Designated sites for launching and storing watercraft.	May be allowed; may be fully developed and include related facilities such as parking areas, docks, toilets, etc.	May be allowed; may include parking areas and toilets.	May be allowed; with minimal development (e.g. primitive toilets.)	Same as (2) See Wild River special mgt provisions.	Same as (3); toilets provided only where necessary for public health; conduct minimum requirements analysis.
Visitor Contact Facilities A variety of staffed and unstaffed facilities providing information on the refuge and its resources to the public; facilities range from visitor centers to kiosks and signs.	May be allowed; full range of facilities may be developed.	Visitors centers not allowed; other small, typically unstaffed facilities may be allowed.	Allowed; informational signs only.	Same as (3)	Not allowed; signs allowed for public health and safety and to protect private property; conduct minimum requirements analysis.
Campgrounds Developed sites accessible by highway vehicles.	May be allowed; may be highly developed (including toilets, dump stations, picnic tables, pull-through sites, group sites, etc.)	May be allowed; lesser level of development.	Not allowed; see campsites (below)	Same as (3)	Not allowed
Hardened Campsites Areas where people can camp that are accessible by vehicle or on foot but where the only facilities provided are for public health and safety and/or resource protection; may include gravel pads for tents, hardened trails, and/or primitive toilets.	Allowed	Same as (1)	Same as (1)	Same as (1)	Provided only where necessary to protect wilderness resources or public health and safety; conduct minimum requirements analysis.
Temporary Facilities Includes tent frames, caches, and other similar or related facilities; does not include cabins. See also subsistence, administrative facilities, and commercial uses.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1) and if directly and necessarily related to the taking of fish or wildlife.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
CABINS (and other related structures, such as outdoor toilets, food caches, storage sheds, and fish drying racks)					
Public Use Cabin A cabin administered by the Service and available for use by the public; intended only for short-term public recreational use and occupancy.	Existing cabins allowed to remain; new cabins may be allowed.	Same as (1)	Existing cabins allowed to remain; new cabins may be allowed if essential for public health and safety and no reasonable alternative site exists.	Same as (3) See Wild River special mgt provisions.	Same as (3); conduct minimum requirements analysis.
Administrative Cabin Any cabin primarily used by refuge staff or other authorized personnel for the administration of the refuge.	May be allowed	Same as (1)	May be allowed only if essential for the health and safety of employees and no reasonable alternative site exists.	Same as (3) See Wild River special mgt provisions.	Same as (3); conduct minimum requirements analysis.
Subsistence Cabin Any cabin necessary for health and safety and to provide for the continuation of ongoing subsistence activities; not for recreational use.	Existing cabins allowed to remain, a special use permit is required; new cabins may be authorized if no reasonable alternative site exists.	Same as (1)	Same as (1)	Same as (1)	Same as (1) for existing cabins; new cabins only if necessary for trap-ping where trapping was customary and traditional use.
Commercial Cabin Any cabin which is used in association with a commercial operation including but not limited to commercial fishing activities and recreational guiding services.	Existing cabins allowed to remain, a special use permit is required; new cabins may be authorized if no reasonable alternative site exists.	Same as (1)	Same as (1)	Same as (1) See Wild River special mgt provisions.	Existing cabins (pre-designation) same as (1); new commercial cabins not allowed.
Other Cabins Cabins associated with authorized uses by other government agencies.	May be allowed	Same as (1)	May be allowed only if essential for the health and safety of employees and no reasonable alternative site exists.	Same as (3) See Wild River special mgt provisions.	Same as (3); conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
ADMINISTRATIVE FACILITIES (for a detailed discussion of building requirements for administrative facilities see Appendix _)					
Administrative Field Camps Temporary facilities used by refuge staff and other authorized personnel to support individual (generally) field projects; may include, but not limited to, tent frames and temporary/ portable outhouses, shower facilities, storage/maintenance facilities, and caches.	May be allowed	Same as (1)	Same as (1)	Same as (1); only if no reasonable alternative sites exist.	Same as (4); conduct minimum requirements analysis.
Administrative Field Sites Permanent facilities used by refuge staff or other authorized personnel for the administration of the refuge. Includes administrative cabins and related structures (see CABINS above) and larger multi-facility administrative sites necessary to support on-going field projects, research, and other management activities. Temporary facilities, to meet short-term needs, may supplement the permanent facilities at these sites.	Use of existing sites allowed to continue, including replacement of existing facilities as necessary; new sites may be allowed.	Same as (1)	Same as (1) except new sites allowed only if required to meet management objectives, essential for health/safety of employees, and no reasonable alternative site exist; new facilities minimum required to meet long-term needs	Same as (3) except new sites only allowed if no reasonable alternative site exists; any new site restricted to administrative cabin and related structures only. See Wild River special mgt provisions.	Same as (4); conduct minimum requirements analysis.
Refuge Administrative Office Complex Facilities necessary to house refuge operations, outreach, and maintenance activities, and associated infrastructure; includes staff offices, storage, maintenance, and other facilities, parking lots, and so forth.	May be allowed	Not allowed	Same as (2)	Same as (2)	Same as (2)
Hazardous Materials Storage Sites including appropriate structures and equipment necessary for the storage and transfer of fuels and other hazardous materials used for administrative purposes; must be in compliance with all Federal and State requirements.	May be allowed	Same as (1)	Same as (1)	Same as (1); storage of 55-gallon drums or smaller containers only. See Wild River special mgt provisions.	Same as (4) conduct minimum requirements analysis.

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Residences Residential housing for refuge staff and their families; includes single and multi-family dwellings.	May be allowed	Not allowed	Same as (2)	Same as (2)	Same as (2)
Bunkhouses Quarters to house temporary and similar employees, volunteers, visitors, and other agency personnel.	May be allowed	Same as (1)	Not allowed	Same as (3)	Same as (3)
Boat Launching Sites/Docks	See PUBLIC USE FACILITIES above				
Float Plane Bases Designated sites for docking and storage of float-equipped aircraft.	May be allowed	Same as (1)	Not allowed	Same as (3)	Same as (3)
Aircraft Hangars Facilities for storage of aircraft.	May be allowed	Not allowed	Same as (2)	Same as (2)	Same as (2)
Radio Repeater Sites Sites used to maintain radio communications equipment; may include helispots for access.	May be allowed subject to reasonable regulation.	Same as (1)	Same as (1)	Same as (1) See Wild River special mgt provisions.	Not allowed except where no reason-able alternative site exists; conduct minimum requirements analysis.
COMMERCIAL USES <i>(Does not include Subsistence use; see Subsistence section of this table. Except as specifically noted, a written authorization in the form of a special use permit or other document is required for economic use of a refuge.)</i>					
MINERAL EXPLORATION AND DEVELOPMENT					
Surface Geological Studies Includes surface rock collecting and geological mapping activities (includes helicopter or fixed-wing access).	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Geophysical Exploration/Seismic Studies Examination of subsurface rock formations through devices that set off and record vibrations in the earth. Usually involves mechanized surface transportation, but may be helicopter supported; includes studies conducted for the Department of the Interior.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Not allowed unless conducted for the Department of the Interior under
Core Sampling Using helicopter transported motorized drill rig to extract subsurface rock samples; does not include exploratory wells; includes sampling conducted for Department of the Interior.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Not allowed unless conducted for the Department of the Interior under
Other Geophysical Studies Helicopter-supported gravity and magnetic surveys and other minimal impact activities that do not require mechanized surface transportation.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Not allowed
Oil and Gas Leasing Leasing, drilling and extraction of oil and gas for commercial purposes. Includes all associated above and below ground facilities.	May be authorized	Not allowed	Same as (2)	Same as (2)	Same as (2)
On-Shore Support facilities for Off-shore Oil and Gas Development	May be authorized	Not allowed	Same as (2)	Same as (2)	Same as (2)
Sale of Sand, Gravel, and Other Common Variety Minerals Extraction of sand, gravel, and other saleable minerals for commercial purposes; includes non-commercial use by federal, state, and local agencies.	May be authorized	Same as (1)	Not allowed except on lands subject to Section 22(g) of ANCSA	Same as (3)	Same as (3)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Other Mineral Leasing Includes the extraction of coal, geothermal resources, potassium, sodium, phosphate, sulfur, or other leasable minerals for commercial purposes.	Not allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Mining of Hardrock Minerals Development of valid (pre-ANILCA) mining claims (lode, placer, and mill sites) on refuge lands for the purpose of extracting hardrock minerals. <i>Note: If your refuge has no mining claims - just say not allowed.</i>	Allowed; only on valid claims	Same as (1)	Same as (1)	Same as (1)	Same as (1)
COMMERCIAL RECREATION - Includes all forms of guiding including those operated by non-profit, educational and other noncommercial groups					
Guiding and Outfitting	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Transporting	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Fixed-wing Air Taxis	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Helicopter Air Taxis	May be authorized	Same as (1)	Same as (1)	Same as (1)	Not allowed unless use established prior to Wilderness designation.
Bus/Auto Tours	May be authorized	Same as (1)	Not applicable	Not applicable	Not applicable
OTHER COMMERCIAL ACTIVITIES					
Commercial Filming, Video and Audio-taping	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Grazing [Note: if your refuge has grazing - state appropriate language]	Not allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Agriculture (Commercial)	Not allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Commercial Fishery Support Facilities At or below 1979 levels.	Allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Commercial Fishery Support Facilities Above 1979 levels.	May be authorized	Same as (1)	Same as (1)	Same as (1) See Wild River special mgt provisions	Not allowed
Seafood Processing	May be authorized	Same as (1)	Not allowed	Same as (3)	Same as (3)
Mariculture Support Facilities	May be authorized	Not allowed	Same as (2)	Same as (2)	Same as (2)
Commercial Timber and Firewood Harvest	May be authorized	Same as (1); if authorized as part of fire management plan or project burn plan.	Same as (2)	Same as (2) See Wild River special mgt provisions.	Not allowed
Commercial Gathering of Other Refuge Resources	May be authorized	Same as (1)	Not allowed	Same as (3)	Same as (3)
Transmission Lines/Pipelines Includes telephone and electrical power lines, oil and gas pipelines, and other necessary related facilities. Does not include facilities associated with on-refuge oil and gas development.	May be authorized	Same as (1)	Same as (1)	Same as (1)	Same as (1)
Navigation Aids and Other Facilities Includes air and water navigation aids and related facilities, communication sites and related facilities, facilities for national defense purposes and related air/water navigation aids, and facilities for weather, climate, and fisheries research and monitoring; includes both private and government facilities.	Existing and new facilities allowed; subject to reasonable regulation.	Same as (1)	Same as (1)	Same as (1) See Wild River special mgt provisions.	Same as (1) for existing facilities; new government facilities allowed after consultation with head of agency requesting, subject to terms and conditions to minimize adverse effects.
Major Hydroelectric Power Development Hydroelectric dams creating a change in streamflow with an elevation change and reservoir behind the dam.	Not allowed	Same as (1)	Same as (1)	Same as (1)	Same as (1)

ACTIVITY	INTENSIVE MANAGEMENT (1)	MODERATE MANAGEMENT (2)	MINIMAL MANAGEMENT (3)	MANAGEMENT of WILD RIVERS (4)	MANAGEMENT of WILDERNESS (5)
Small Hydroelectric Power Development Hydroelectric generation by low-head or instream structures that do not change the flow of the river.	May be authorized	Same as (1)	Not Allowed	Same as (3)	Same as (3)

Notes: - Management activities undertaken by the Service, or by volunteers, cooperators, or contractors working for the Service, with limited exception, are exempt from compatibility review [Part 603, Compatibility, of the Service Manual.

- Management of activities occurring on navigable waters will be coordinated with the appropriate State agency.